

# INTERNATIONAL SEARCH REPORT

10/520453  
 Rec'd PCT/PTO 05 JAN 2005  
 International application No.  
 PCT/NO 03/00217

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F17C 13/08 // B63B 25/14  
 According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F17C, B63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2536373 A1 (RIVE-DE-GIER, SFR ET AL), 25 May 1984 (25.05.84), figures 5-12,16, abstract	1
Y	--	4,5
X	US 4564109 A (L.G. STAVLO), 14 January 1986 (14.01.86), figures 1,2, abstract	1
X	US 4967934 A (M.D. ANDONIAN), 6 November 1990 (06.11.90), figures 1-3, abstract	1
Y	US 2002084660 A1 (J. WEBBER), 4 July 2002 (04.07.02), whole document	4,5

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

23 Sept 2003

Date of mailing of the international search report

26-09-2003

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 02066316 A1 (KNUTSEN OAS SHIPPING AS), 29 August 2002 (29.08.02), whole document --	1,2,6
P,X	WO 03047959 A1 (KNUTSEN OAS SHIPPING AS), 12 June 2003 (12.06.03), whole document --	1,2,6
P,A	WO 03016777 A1 (SIDA ENGINEERING-S.R.L.), 27 February 2003 (27.02.03), whole document -----	1-6

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

26/07/03

International application No.

PCT/NO 03/00217

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
FR	2536373	A1	25/05/84	NONE		
US	4564109	A	14/01/86	NONE		
US	4967934	A	06/11/90	NONE		
US	2002084660	A1	04/07/02	US	6439632 B	27/08/02
WO	02066316	A1	29/08/02	NO	313846 B	09/12/02
				NO	20010728 A	14/08/02
WO	03047959	A1	12/06/03	NO	20015962 D	00/00/00
WO	03016777	A1	27/02/03	IT	MC20010086 A	20/02/03